UTILITY PATENT APPLICATION TRANSMITTAL (Small Entity)

Docket No. AGEIA-001

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Total Pages in this Submission **77**

TO THE COMMISSIONER FOR PATENTS

Mail Stop Patent Application P.O. Box 1450 Alexandria, VA 22313-1450

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Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for the

inventio	n ent	titled	:						
SY	STE	M IN	CORPO	PRATING PH	YSIC	S PROCESSIN	NG UNIT		100
and inve	ented	bv:							
		et al	•						
If a CO	NTIN	NUA	TION AF	PLICATION.	chec	k appropriate l	hox and supply	the requisite information:	
☐ Co	ntin			Divisional				of prior application No.:	
Which i	ontin	uati	on 🗆	Divisional		Continuation	n-in-part (CIP)	of prior application No.:	
☐ Co	ntin	uati	on 🗆	Divisional		Continuation	n-in-part (CIP)	of prior application No.:	
Enclose	ed ar	e:							
						Application	on Elements		
1.	× I	Filing	fee as	calculated and	d trar	smitted as des	scribed below		
2.	×	Spec	ification	having		53	pages and i	ncluding the following:	
	a. (×	Descrip	tive Title of the	e Inve	ention			
	b. (Cross References to Related Applications (if applicable)						
	c. [Statement Regarding Federally-sponsored Research/Development (if applicable)						
	d. (Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix						
	е. [X	Background of the Invention						
	f. [X	Brief Summary of the Invention						
	g. [X	Brief Description of the Drawings (if filed)						
	h. (X	Detailed Description						
	i. (×	Claim(s) as Classified Below						
	j. (X	Abstract of the Disclosure						

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Application Elements (Continued) ☑ Drawing(s) (when necessary as prescribed by 35 USC 113) a. 🛛 **Formal** Number of Sheets b. 🗆 Informal **Number of Sheets** Oath or Declaration a. 🛛 Newly executed (original or copy) ☐ Unexecuted Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only) With Power of Attorney c. 🛛 ■ Without Power of Attorney DELETION OF INVENTOR(S) d. 🔲 Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b). ☐ Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein. ☐ CD ROM or CD-R in duplicate, large table or Computer Program (Appendix) 7. Application Data Sheet (See 37 CFR 1.76) ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included) a. Computer Readable Form (CFR) i. 🔲 CD-ROM or CD-R (2 copies); or ii. Paper c. Statement(s) Verifying Identical Paper and Computer Readable Copy **Accompanying Application Parts** ☐ Assignment Papers (cover sheet & document(s)) 12. ☐ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS Citations 13. Preliminary Amendment Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 16. Certificate of Mailing ☐ First Class ☐ Express Mail (Specify Label No.):

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	Accompanying Application Parts (Continued)					
17.	×	Applicant claims small entity status. See 37 CFR 1.27.				
		Optional) Small Entity Statement(s) - Specify Number of Statements Submitted:				
18.		Additional Enclosures (please identify below):				
		Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)				
19.		Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.				
		Warning				
		An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.				

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Fee Calculation and Transmittal

CLAIMS AS FILED For #Filed #Allowed #Extra Rate Fee Total Claims 37 - 20 = 17 \$153.00 \$9.00 Indep. Claims 3 - 3 = 0 \$43.00 \$0.00 X Multiple Dependent Claims (check if applicable) \$0.00 \$385.00 **BASIC FEE** OTHER FEE (specify purpose) \$0.00 **TOTAL FILING FEE** \$538.00 A check in the amount of \$538.00 to cover the filing fee is enclosed. ☑ The Director is hereby authorized to charge and credit Deposit Account No. 50-0763 as described below. ☐ Charge the amount of as filing fee. ☑ Credit any overpayment. ☑ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17. ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance. pursuant to 37 C.F.R. 1.311(b). Staphen R. White 34,753 Dated: November 19, 2003

cc: